

Title (en)  
SHIFT-REGISTER UNIT CIRCUIT, GATE-DRIVING CIRCUIT, DISPLAY APPARATUS, AND DRIVING METHOD

Title (de)  
SCHALTUNG FÜR SCHIEBEREGISTEREINHEIT, GATE-TREIBERSCHALTUNG, ANZEIGEVORRICHTUNG UND ANSTEUERVERFAHREN

Title (fr)  
CIRCUIT D'UNITÉ DE REGISTRE À DÉCALAGE, CIRCUIT D'EXCITATION DE PORTE, APPAREIL D'AFFICHAGE, ET PROCÉDÉ D'EXCITATION

Publication  
**EP 3830817 A1 20210609 (EN)**

Application  
**EP 19839244 A 20190628**

Priority

- CN 201810852379 A 20180727
- CN 2019093721 W 20190628

Abstract (en)  
[origin: WO2020019936A1] A shift-register unit circuit (100) includes a first input sub-circuit (120) configured to receive a display-input signal from a display-input terminal (STU2, VDD,VGH) and input a display output-control signal to a first node (Q) based on the display-input signal during a display period of one cycle of displaying one frame of image. The shift-register unit circuit (100) also includes a second input sub-circuit (110) configured to receive a blank-input signal for charging a blank-control node (H), and configured to input a blank-output-control signal to the first node (Q) based on the blank-input signal during a blank period of the one cycle. The shift-register unit circuit (100) further includes an output sub-circuit (130) configured to output a hybrid signal controlled by the first node (Q). The second input sub-circuit (110) is also configured, before an end of the blank period, to receive a first blank-reset signal to reset the blank-control node (H).

IPC 8 full level  
**G09G 3/3208** (2016.01)

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**G09G 3/20** (2013.01 - US); **G09G 3/3208** (2013.01 - CN); **G09G 3/3266** (2013.01 - EP); **G11C 19/28** (2013.01 - EP); **G11C 19/287** (2013.01 - CN US); **G09G 2310/0286** (2013.01 - CN EP US); **G09G 2310/061** (2013.01 - CN EP US); **G09G 2310/08** (2013.01 - CN US); **G09G 2330/028** (2013.01 - CN US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (publication)  
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